

EXECUTIVE SUMMARY

A Treatability Study (TS) is being conducted at Operable Unit 5 (OU 5), Hill Air Force Base, Utah. The TS is a component of an ongoing Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) activity for OU 5. As part of the TS, an aeration curtain system has been installed on a parcel of land located between Main Street and Interstate 15, at approximately 2125 North, in the City of Sunset, Utah. This aeration curtain system consists of a 50 feet long by 3 feet wide by approximately 30 feet deep trench on the property. The TS is generating data on the effectiveness of an aeration curtain for air sparging technology applied to the highest concentration portion of the trichloroethene (TCE) groundwater plume at OU 5. The technology (aeration curtain) appears

promising and will be expanded to approximately 400 feet as part of the OU 5 Engineering Evaluation/Cost Analyses (EE/CA). This Environmental Baseline Survey was conducted to document the condition of the off-base property before expansion of the aeration curtain for implementation of Phase I of the EE/CA.

No evidence of contamination originating from the proposed aeration curtain site was discovered by a records search, direct site inspection or personal interviews. The plume affecting groundwater beneath the site is associated with a source located on Hill Air Force Base (Hill AFB) property. Based on the findings of this survey, it is recommended that the expansion of the aeration curtain proceed.